

# Boston 8500

TouchScreen Mobile Computer

## Technical Specification

<b>Environmental</b> Lightweight 480g H x W x D (mm) 205 x 83 x 40 Rugged Casing Withstand Multiple Drops From 1.5m Onto Concrete Rubber Moulded Bumpers: High Impact Shock Absorbers Operating Temperature: -20°C to 50°C Storage Temperature: -30°C to 70°C Relative Humidity 95% (Non Condensing) IP Rating IP65 Rain and Dust Compliant	<b>Mobile Communication Options</b> Bluetooth Class 2 GSM/GPRS (Voice & Data) GPS Location SIRF III
<b>Power</b> Lithium Ion/Polymer Battery Up To 4 Days Productivity (9.8 Hrs in Warehouse) 3800 mAh Lithium Polymer Backup Battery Hold Up For 4 Days Without Main Battery Power Management Belgraviium Optimum Power Management OPM	<b>Internal Scanner Options</b> Standard Range – Long Range – Extra Long Range – Near Far Imager
<b>Display</b> Type Colour TFT (High Visibility in Direct Sunlight) Size QVGA Colour 3.5" Resolution 240 x 320 Pixels Backlight Programmable Dimming Touch Screen Industrial Grade, Finger or Stylus Operated	<b>RFID Scanner Options</b> LF 125KHz HF 13.56MHz
<b>Performance</b> CPU Intel Xscale PXA270 Operating System Windows CE Flash Memory 64 MB Memory 64MB or 128 MB (Optional) Interface/Comms USB Host – USB Slave Speaker Microphone	<b>Camera</b> High Resolution Colour Camera 2 M Pixels
<b>Interfaces</b> Serial Port RS232 Infrared Serial Port IrDA Legacy System Support (Optional) Output Optiona - Ext Scanner - 5V Ext Power Headset Interface Voice Mic/Headset Ext Micro/SDIO	<b>Imager</b> Resolution 1280 x 960 pixels Symbologies Supported 1D & 2D Integral Aiming LED Optional OCR Fonts (A,B & Micr) Camera Mode Scans Up To Seven Bar Codes In One Flash And Then Outputs In Any Configured Order
	<b>Keyboard Interface</b> Backlit Keypad 41- Key Numeric/Alpha Keyboard 61-Key Full Alpha/Numeric Keyboard Up, Down, Left & Right Cursor Keys Pistol Grip Scan, Up/Down Cursor Keys 6 Programmable Function Keys (Direct Access) Backlit Keypad
	<b>Accessories</b> Audio Headset Carry Case Holster High Durability Carry Case Desktop Charger and Communications Cradle Six Gang Battery Charger



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# Boston 8500 **RUGGED,** by Design!

TouchScreen Mobile Computer



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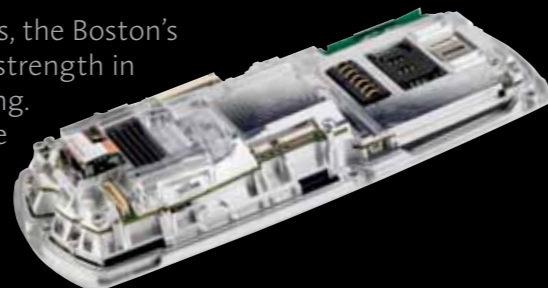
See reverse for the technical specification



The Boston 8500 is the latest generation in mobile computing technology. This multimodal handheld computer facilitates superior data collection from scanning to voice to RFID.

### Tough on the Outside. Tough on the Inside.

Designed to withstand rigorous use in extreme environments, the Boston's unique magnesium alloy chassis provides excellent torsional strength in conjunction with a high impact, high strength zinc alloy casing. Capable of surviving repeated drops to polished concrete, the inclusion of high impact pneumatic rubber bumpers ensure that the Boston is not only fit for purpose but the strongest mobile computer on the market.



### Applications

**Fleet Management** - With a fully integrated GPS, users gain even greater fleet control and visibility with the ability for remote setups, diagnostics, and to track vehicles in real time to a fraction of a kilometre.

**Proof of Delivery** - With a fully integrated camera with signature capture capabilities users can gain full traceability of their delivery operations. In addition, the camera adds extra functionality with the ability to record damaged stock.

**Warehousing** - Facilitating superior data capture the Boston is available with a range of laser scanners and imagers to suit any scanning requirement.

**Supply Chain/Field Service** - Selection from either WiFi, Bluetooth or GPRS radio enables users to stay connected wherever they are and whatever task they are performing. The Boston is ideal for mobile applications and operations.